



## SEQUENCE LISTING

<110> Sudwestdeutsche Saatzucht-SWS  
Advanta Seeds B.V.

<120> Modulation of Storage Organs

<130> 006-1

<140> 09/578,194

<141> 2000-05-24

<160> 6

<170> PatentIn version 3.1

<210> 1

<211> 25

<212> DNA

<213> Arabidopsis sp.

<400> 1

tactatagaa gtgagagaga gaagt  
.5

<210> 1

<211> 25

<212> DNA

<213> Arabidopsis sp.

<400> 2

gttggcctat ccatctaatg gtctg  
.5

<210> 3

<211> 25

<212> DNA

<213> Arabidopsis sp.

<400> 3

ctatctagag gcttcccttt ctctc  
.5

<210> 4

<211> 25

RECEIVED  
AUG 29 2003  
TECH CENTER 1600 2903

<212> DNA  
 <213> Arabidopsis sp.

<400> 4  
 gctcggccat cgatctaatt gtctg  
 25

<210> 5  
 <211> 25  
 <212> DNA  
 <213> Arabidopsis sp.

<400> 5  
 gaggcgcaagg aacgcagga gtgca  
 25

<210> 6  
 <211> 1636  
 <212> DNA  
 <213> Arabidopsis sp.

<220>  
 <221> mRNA  
 <222> (1)..(1636)  
 <223> strain Columbia ecotype  
 taxon:3702  
 tissue type leaves  
 clone lib lambda ZAPII development stage young shoots

<300>  
 <301> Dornelas, M.C., Schwebel-Dugue, N., Thomas, M., Lecharny, A.  
 and Kreis, M.  
 <302> Three New cDNAs Related to SGG/GSK-3 ( Shaggy/Glycogen Synt  
 hase Kinase-3) from  
 Arabidopsis thaliana ( Accession No. X94938, x94939 and X99690) (   
 P 8947-006)  
 <303> Plant Physiol.  
 <304> 113  
 <305> 1  
 <306> 336-305  
 <307> 1997-01-01  
 <308> genbank/X94938  
 <309> 1998-02-13  
 <313> (1)..(1636)

&lt;400&gt; 6

tttactttt cagttagaga gagaagttag agctgtaaaa gcacatgact tcgataccat  
50

tggggcctcc tcagcctccg tccttagctc ctcagccccc gcattcttcc ggccgagatt  
100

ctttgaaaag tcgtcccgat atagacaacg acaaggaaat gtctgtctgt gttatagaag  
150

gaaatgatgc tgttacccgt cacataatt ctactacaat tggaggcaaa aatggtgaac  
200

ctaaacagac cattagttac atggccgaac gtgttggttg aacaggatca ttccgaattg  
250

tattccagga aaaatgcttg gaaactggag aatcagtagc cattaagaag gttttgcaag  
300

atgcgcgtta taaaaaccca gagttgcaat taatgggact aatggaccat ccaaagtgg  
350

tttcattgaa gcattgttct ttctctacaa cgaactagaga tgagctcttc ctcaatctcg  
400

ttatggagta tgtaccagag acattgtacc gggttttgaa gcactatact agttcaaacc  
450

agcggatgac tatcttctat gtcaaatctt acacatacca aatcttcaga gggttggctt  
500

atctccatac tgcctctggg gtctgcacaa gagatataaa accacaaaat cttttggttg  
550

atcccacac ccacagtggt aagctctgtg attttggaag tgcaaaagta ctggtgaaag  
600

gtgaacccaa catacctat atctgtcttc ggtattaccg agctccagaa ctcatctttg  
650

gtgcacacaga gtatacatca tcattgata tatggtctgc tggttgtgtt ctggcagagc  
700

tactctctgg ccagccgtta ttccggggag aaaattctgt ggaccagcta gtggagatca  
750

taaagttct tggtactcca actccggaag aaatccgggt calgaaccca aactacacag  
800

acttcagatt cccacaaatc aaagcccacc ctgggcataa ggttttccac aagcggatgc  
1070

ctccggaagc cattgacctt gcattctggc ttcttcaata ctcaccaagt ctacgttgc  
1080

ctgcctctga ggcattgtcg catccgtttt tcaatgaact ccgtgagcca aatgctcgtc  
1140

ttcwaatgg ccgacctcta ccacccgttg tcaacttcaa acaagagttg tctggggctt  
1200

cacggagct tatcaacagg ctaataccag agcatgtgag gcgacagatg aatggtggct  
1260

ttccatttca agctggacc ccagaaaagg atctcgagat gcttttccag agcaaaatgc  
1320

cgccttatgg aatgaaggag agggagattt acttctctct gattaactaa gtatcagctt  
1380

ctgagaagag atgatgtctc ctcccttagac ggggccaatt cagctttttg agaaatcagg  
1440

aggcgatgat tgtgtcccat tataatcttt ttgttcactg acttgttagag agatactttt  
1500

ctccgtatc agtatttgta tatgtttttg tcttgaat gaaacaaaat cgattccaaa  
1560

aaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa  
1620

aaaaaaaaa aaaaaa  
1636